

### **Short Information about:**

# **MSE-FMD95** Remote Hot Metal Detector (HMD)

#### **General Information**

Housing: Aluminum AL6, EC IP66, DIN, 89011

Weight w/o Cable: 1.7 Kg

Connector: IP65 Plug/Socket

Cable Length: 2m standard (different length - option)

Remote Lenses: 400°C standard (800°C option)

Spot / FOV: 1° or 7°

Fiber Optic Cables: Flexible Armored Stainless Fiber Lead,

Power LED (B) — LED indication of program mode,

power, function

Pushbutton Parameter— Setting Switches LED Array indication of hot product, IR levels,

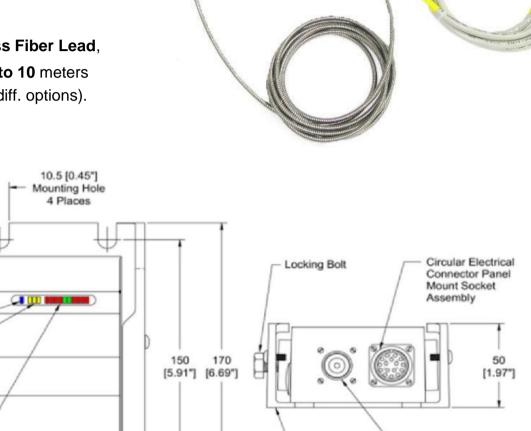
set gain, control margin

& response time

& fault

available in lengths from 2 to 10 meters and for 300°/500°/800 °C (diff. options).

#### **Dimensions**



### **General Specifications**

Sensing Element	InGaAs Photodiode	Supply Voltage	Standard: 24 VDC ± 10%
Power Indication:	Blue LED	Power Consumption	5 W
Function Indication	Outer Yellow LEDs	Operating Temperature	-20°C to +55°C of signal processor (without cooling)
% I. R. Signal	Red/Green/Red LEDs	Storage Temperature	-20°C to +70°C
Remote Self-Check	Middle Yellow LED	Output (#1)	Cradle Relay Output, SPNO, 240 VAC, 8A with <b>20 ms</b> response time.
Min/Max I.R. Threshold settings	Down to <b>270°C</b> and up to <b>1000°C</b> (programmed)	Output (#2)	Reed Relay Output, SPNO, 240VAC, 0.5A  2 ms response time. (Option)
Response Time:	1 ms to 250 ms max.,	Output (#3 and # 4 )	PNP and NPN Transistor Outputs, 500 mA (Requires 24VDC supply)

[2.36\*]

[4.02"]

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Fiber Optic

Socket

Mounting Cradle

All Dimensions are in mm [inches].

